GEOMAX

Geotextile for liquid waterproofing reinforcement

DESCRIPTION AND APPLICATIONS

Thermowelded geotextile fabric made of synthetic polyester/polyamide fibres. Designed as a supplementary reinforcement of Ibtmax membranes. Sutiable for specially reinforced application or when optimal spreading of the liquid membrane is difficult. Ensures a better, constant layer thickness over difficult surfaces, with a minimum loss of the original mechanical properties.

- Fully compatible and absorbent of solvent borne products.
- Easy to adapt to irregular surfaces and edges.
- Of great elasticity, with which little is lost in mechanical properties of the membranes.
- It provides a reinforced protection as a base for ceramic tile. Reduces friction on the waterproofing membrane and increases puncture resistance. Improves capillary water drainage.
- Base protection for Ibtmax application on very irregular substrates.
- Helps to spread evenly this product and ensure a constant thickness, especially when Ibtmax is applied by spraying.
- Helps to create an inner stopper when filling expansion joint spaces, preventing waste of liquid product.

CERTIFICATIONS

ETA: European Technical Agreement Document Nº 10/0296 – 25-year CE marking. Use as reinforcing fabric.

CE

TECHNICAL DATA

INFORMATION ON THE PRODUCT BEFORE APPLICATION	
Composition	Polyamide/polyester fibre
Weight (g/m²)	83.7
Thickness (mm)	0.65
Tensile strenght, longitudinal (kN)	1.85
Tensile strenght, transversal (kN)	4.21
Longitudinal elongation (%)	93
Transversal elongation (%)	94
Identation resistance (kN)	0.50
Packaging	0.3 x 100 m (30 m²) rolls 1.5 x 100 m (150 m²) rolls
Relevant standards	UNE EN 29073-1, UNE EN 29073-2, UNE EN ISO 10319, UNE EN ISO 10319, UNE EN ISO 10320, UNE EN ISO 10321, UNE EN ISO 12236, UNE EN ISO 11058, UNE EN ISO 12958
Storage and use before	Store product protected from light and moisture. Expiration date: 24 months after fabrication

COMBINATION IBTMAX-GEOMAX		
	Geomax	**Geomax + Ibtmax**
Weight (g/m²)	83.7	1.38
Thickness (mm)	0.67	1.64
Tensile strength MD (kN)	1.85	9.67
Tensile strength CD (kN)	4.21	9.84
Elongation MD (%)	93	34
Elongation CD (%)	94	45
Relevant standards	UNE-EN965, UNE EN ISO 10319 and internal tests	

INSTRUCTION FOR USE

Unroll the product over the surface and cut using suitable tools.
As a reinforcement (Geomax), apply between two liquid coats, in an even and unfolded pattern.

As an underlying protective reinforcement or when uses previously to a sprayed application, it is recommended to apply a diluted (20% to 50% solvent) coat of Ibtmax, as a primer to prevent lifting of the Geomax by the wind or air flow.

As a protective layer, previous to a ceramic tile application, it is recommended to apply the geotextile when the liquid membrane is still sticky, in order to prevent it to be lifted by the wind.

ENVIRONMENTAL PRECAUTIONS

Geomax is inert waste, to be managed according to the local applicable law.

OTHER INFORMATION

The information contained in this Technical Data Sheet, as well as our advice, both written as verbal or provided through testing, are based on our experience, and they do not constitute any product guarantee for the installer, who must consider them as simple information.
We recommend studying deeply all information provided before proceeding to the use or application of any of our products, and strongly advise to conduct tests “on-site” in order to determine their convenience for a specific project.
Our recommendations do not exempt of the obligation of installers to deeply study the right application method for these systems before use, as well as to conduct as many preliminary tests as possible should any doubt arise. The application, use and processing of our products are beyond our control, and therefore under the exclusive responsibility of the installer. In consequence, the installer will be the only responsible of any damage derived from the partial or total in-observation of our indications, and in general, of the inappropriate use or application of these materials.

This Data Sheet supersedes all previous versions.

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